



Missouri S&T Magazine, January-February 1955

Miner Alumni Association

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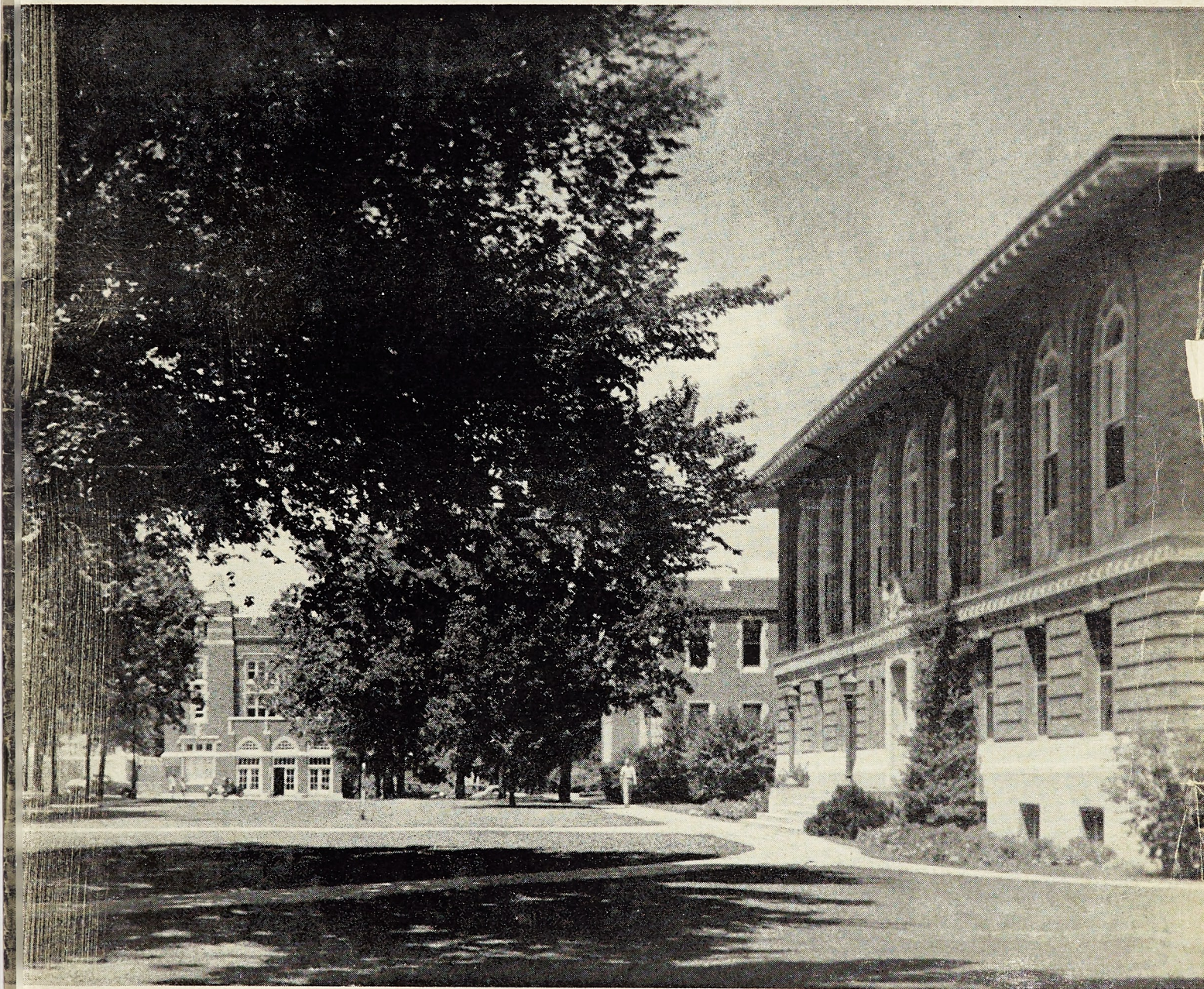
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MSM *Alumnus*

MISSOURI SCHOOL OF MINES AND METALLURGY
ROLLA, MISSOURI



January-February 1955

Volume 29 - Number 1

President's Column

IT IS EXTREMELY encouraging that the Governor recently recommended to the Legislature an operational budget of \$1,890,000, the full amount of the budget request that was presented for MSM by President Elmer and the Board of Curators for the next biennium.

It is hoped that the Legislature will see eye-to-eye with the Governor and pass the request as recommended. If this is done, it would be a major step in satisfying the needs of increased salaries and other operational expenses at Rolla and thereby place it more in line with other similar institutions.

However, the budget request of the University of Missouri proper was reduced in the Governor's recommendation and it is hoped that this will be raised sufficiently to allow the University to fulfill its necessary functions.

I should again like to remind you that instead of the \$5 fixed-sum for dues, you now become a member by voluntarily contributing whatever sum you desire. Although we started off well there is an apparent lag at present and I would like to encourage everyone to get on the bandwagon, as you approved, at the Annual Meeting in October, a very sizeable budget of \$14,500, for this year's operations. This budget, as you remember, includes the underwriting by the Alumni Association of six \$500 Freshman Scholarships, in addition to the two Civil Engineering Scholarships underwritten by the Class of 1914. Our goal for the year is 2200 members and to make this we will have to get into high gear, so please do not throw the reminder, which you will shortly receive, into the waste basket but send it back with your check—large or small.

H. S. Pence.

Cover picture shows view on the MSM campus, with Jackling Gym on the left, New Metallurgy Building in center, and Parker Hall on the right.

MSM Alumni Association

OFFICERS

Term Exp.

President.....	Harry S. Pence '23.....	1118 Syndicate Trust Bldg. St. Louis 1, Missouri	1956
Executive Vice-Pres.....	Charles J. Potter '29.....	330 North Carpenter Indiana, Pennsylvania	1956
and Vice-Pres. Areas 1, 2, 3,			
Vice-Pres. Areas 7, 8, 9.....	Barney Nuell '21.....	3440 Wilshire Boulevard Los Angeles, California	1956
Sec.-Treas.....	Leon Hershkowitz '41.....	1300 Powell Rolla, Missouri	1956
Executive Secretary, Editor, "Alumnus".....	Francis C. Edwards.....	MSM Alumni Association Old Metallurgy Building Rolla, Missouri	

DIRECTORS AT LARGE

M. J. Kelly '14.....	463 West Street.....	New York 14, New York	1956
J. W. Stephens '47.....		Lee's Summit, Missouri	1956
Rex Williams '31.....	504 East 5th.....	Rolla, Missouri	1956

AREA DIRECTORS

Area No.	Director	State Embraced	Term Exp.
1.....	Enoch Needles '14 55 Liberty St., New York, N. Y.	New England, N. Y., N. J., East Pa., Dist of Columbia, Md., Va., Delaware	1955
2.....	Rolla T. Wade '31 730 Pierre Mont Rd., Shreveport, La.	S. Ark., N. C., S. C., La., Miss., Ala., Ga., Fla.	1957
3.....	S. Allen Stone '30 P. O. Box 28, Fort Wayne, Ind.	W. Va., Ohio, W. Pa., Ky., Tenn., Ind., (Except Chicago Industrial Area)	1957
4.....	Melvin E. Nickel '38 10601 South Leavitt Ave. Chicago 43, Illinois	N. Ill., Chicago Industrial Area in Indiana, Wisconsin, Michigan, Minnesota	1957
5.....	Paul Dowling '40 1400 S. 2nd. St., St. Louis 4, Mo.	S. Ill., E. Mo., N. Ark.	1955
6.....	H. E. Zoller '23 Central Building, Wichita, Kans.	Iowa, W. Mo., Neb., Kan., Okla.	1956
7.....	S. H. Lloyd '47 1900 Mellie Esperson Bldg. Houston, Texas	Texas, Arizona, New Mexico	1955
8.....	William H. Burgin '40 516 Acoma St. Denver 4, Colorado	Idaho, Montana, North Dakota, South Dakota, Wyoming, Colorado, Nevada, Utah	1957
9.....	Barney Nuell '21 3440 Wilshire Boulevard Los Angeles, California	Washington Oregon, California	1955

Errata

We wish to correct an error in printing that occurred in the November-December issue of the "MSM Alumnus". The death of Martin H. Thornberry '12, was reported in error. Mrs. Thornberry died in October and Mr. Thornberry is now living with his daughter in Joplin, Missouri.

"Thorny" isn't in the best of health and at Christmas-time it was necessary that he have a serious operation. More than 100 alumni helped him over this operation and his condition now is very satisfactory. We are extremely sorry that the printing error occurred.

WANTED: 1922 ROLLAMO

An alumnus in the class of 1922 wishes to secure a copy of the 1922 Rollamo. Anyone who has one and would like to part with it, please write to the MSM Alumni Association Office, Rolla, Mo.

MSM ALUMNUS

Issued bi-monthly in the interest of the graduates and former students of the School of Mines and Metallurgy. Subscription price, \$1.50, included in Alumni Dues. Entered as second-class matter Oct. 27, 1926, at Post Office at Rolla, Mo., under the Act of March 3, 1879.

Frederic H. Holt '35 Becomes Manager of New General Electric Plant at Morrison, Ill.

FREDERIC H. HOLT '35, who has been with General Electric since his graduation from MSM, was given a farewell dinner party in Schenectady, New York, by his many friends prior to his departure to his new assignment and promotion as general manager of General Electric's new appliance plant in Morrison, Illinois.

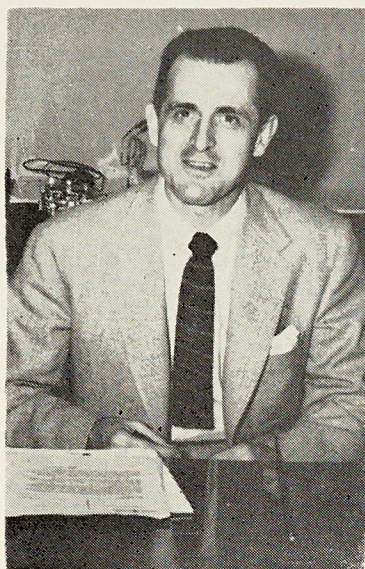
Mr. Holt came with General Electric nineteen years ago as an engineer trainee. His rise to his present position is considered by many people in G. E., as phenomenal as the new position is equivalent to the presidency of a smaller, privately-owned company. He is solely responsible for the profit and loss, the rise and fall, of his organization, and its business, incidentally, is measured in the millions.

Tall, slender, and boyish looking though now in his early forties, Holt speaks rapidly and to the point in a voice that still rings with the accents of his Springfield, Missouri, boyhood. Effervescence is perhaps his most characteristic trait. To put it plainly, he just boils over with enthusiasm for anything he does.

Back in 1949, before he took on the job of sales manager of his division, Holt acquired the name of, "The screwdriver kid". That name has stuck to this day. His job was to introduce a new line of G. E. magnetic motor starters. Touring the country, with a screwdriver in his pocket and the oratory of a circus barker, he completely disassembled motor starters before impressed audiences to prove how simply the devices were constructed.

Showmanship is something that comes natural to Holt however, and while in Schenectady, he was a member of the civic players and other amateur theatrical groups. He appeared in, "Harvey", "Heaven Can Wait", and "Hey-Hey Fever". His avocation has also extended into the television field.

While at MSM, Fred was active in student activities, as AIEE, Radio



FREDERIC H. HOLT

Club, and he was on the honor list each semester. He was elected to Tau Beta Pi and Phi Kappa Phi and ranked fifth in a class of 81 when he received his bachelor degree in electrical engineering.

Like many engineers, Fred possessed latent talents beyond the ordinary that hadn't yet found full expression. In 1948, he switched to the commercial department and there he began his prodigious climb to the top. Within a year he was manager of sales for the whole magnetic and manual devices division. He inspired the men around him and drew out their abilities. Four years later he was named manager of marketing for a newly-established general purposes control department. A year later he was elevated to his present position.

Ability to think things through clearly—to get the job done, done right, and on time—are two of Fred's many specialties. He is a sort of individual who can fit into almost any situation. Without preparation and on a moment's notice, he can give an inspirational talk. He is active in Parent Teachers Association, Cub Scouts, and civic improvement groups. He is a member of

the Rotary Club and American Management Association.

The dinner party was complete with amateur entertainment, and Fred played the leading role. In his closing remarks of his farewell speech, he said, "I want to say right here and now that never a year will pass but what I'll come back to this battlefield and pay my respects to those who died in the service of general purpose control. And I know where they are buried because you remember one of my last orders was, "Mark each fallen comrade's resting place with a CR 7006!"

To commemorate his arrival in Schenectady 19 years ago, a real model-A Ford was used on the stage for Fred and his wife, Dorothy, to drive off in. One of his associates summed it up well when he wrote, "Fred is a grand guy who thinks constructively, acts big, and we should all be glad he isn't working for a competitor".

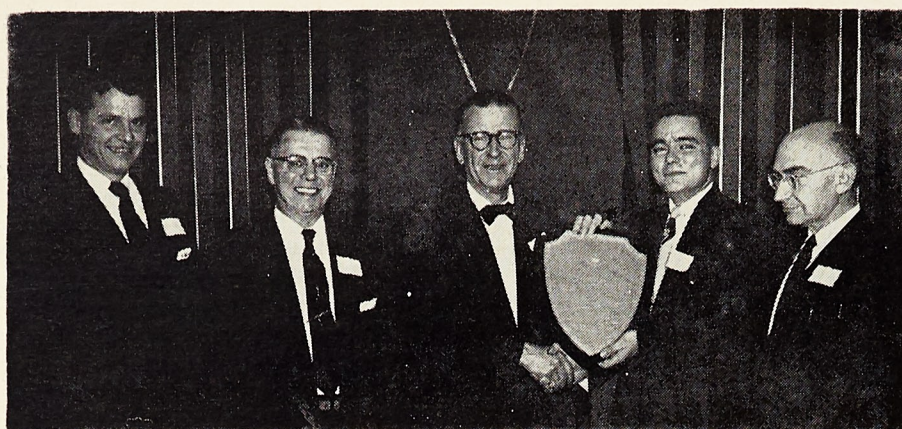
Lynn Riege Is Expert On Materials Handling

Lynn J. Riege '40, is the author of an article in the August 1954, issue of the "Gypsum News". The title of the articles is "How I Sold My Idea to Management."

He has been successful in selling a number of material handling ideas to management at the U. S. Gypsum Company. His present duties include making recommendations to the company's 48 plants and warehouses and loading facilities. He is also available for consulting advice to the many thousands of building material dealers throughout the United States and Canada on mechanizing and replanning their operations.

He was recently elected President, Chicago Chapter of the American Material Handling Society, Inc. Before election to his present position, he served as Executive Vice-President, as treasurer, and was twice awarded the "Certificate of Merit", for his valuable service in behalf of materials handling progress.

Mr. Riege has been with U. S. Gypsum since 1950, and is now in the company's office at 300 West Adams Street, Chicago.



Left to right — Prof. Roger Nolte, Dean Curtis L. Wilson, Dr. Mervin J. Kelly, Mr. Donald Gessley, Dr. Eric T. B. Gross.

Eta Kappa Nu Chapter Gets Annual Award

DECEMBER 2, at a dinner at Rock Haven, Gamma Theta Chapter of Eta Kappa Nu was presented an annual award by Dr. Mervin J. Kelly '14, from the New York Alumni Chapter of Eta Kappa Nu. The award consisted of a plaque inscribed with the name of the Chapter's excellent record in both scholarship and activities during the 1953-54 school year. Fifty chapters competed for the award.

The featured speaker of the evening was Dr. Kelly. His topic was "Our Freedom; It Must Be Preserved; Your Responsibility and Mine". Dean Wilson expressed the interest of the school in the Gamma Theta Chapter and its achievements in a short talk before the award was presented. Dr. Eric T. B. Gross, a past president of Eta Kappa Nu, congratulated the chapter on winning the award.

A collective trip of over 3500 miles brought together many outstanding guests for the honoring of the Chapter here. Alumni present for the occasion other than Dr. Kelly, President of Bell Labs and one of the first professional members inducted by the local chapter, were; Bob Hanna '43, of General Electric's Owensborough, Kentucky, tube plant, Professor Roger Nolte and Professor G. G. Skitek, the present faculty adviser of the chapter.

The Chapter was unique in winning the award since the Chapter has only been on the campus two years.

Graves and Van Nostrand Have Articles Published

The Texas Bureau of Economic Geology recently released a 51 page report, of Investigations No. 21 by Roy W. Graves, Jr., M.S. '41, entitled, "Geology of Hood Spring Quadrangle, Brewster County, Texas."

The area is on the southeast rise of the Marathon basin and on the northeast edge of the Santiago Mountain range. Strata from Cambrian to Cretaceous are intruded by Tertiary plugs, dikes and sills. The report describes the geology of the area in detail.

Robert G. Van Nostrand, B. S. '42, M. S. '49, is the co-author with Kenneth L. Cook, of an article entitled, "Interpretation of Resistivity Data Over Filled Sinks."

The article appeared in the October 1954, issue of Geophysics. It deals with the correlation between theoretical and observed data as applied to a shale filled sink structure near Joplin, Missouri.

Raymond E. Murphy '23 Sends in Alumni Dues

Raymond E. Murphy sent in his first alumni dues since graduation. He is Professor of Economic Geography, Graduate School of Geography, Clark University, Worcester, Mass., and he is also editor of the magazine "Economic Geography". His home address is Westminster Road, Princeton, Mass.

Alfred Boyle Becomes V. P. of Laclede Steel

The Board of Directors of the Laclede Steel Co., elected Alfred A. Boyle '25, vice-president in charge of operations. Mr. Boyle has been with Laclede for 25 years and has spent his entire career with the company in the mechanical and operating departments. Prior to his recent appointment he was general superintendent in charge of all company operations.

Al will continue to maintain his office in the Alton Works of the company. Laclede operates the mills at Alton and Madison, Illinois with warehouses in the south.

The Boyles reside at 1149 Brown Street, Alton, Illinois. Their daughter, Martha Ann, is attending the University of North Carolina. Their other daughter, Mrs. Edwin A. (Anita Jane) Hoppert, lives in Wood River, Illinois.

Prof. Carlton Travels to Three Professional Meets

Professor Ernest W. "Skip" Carlton, of the Civil Engineering Department, is participating in the meetings of three professional engineering groups during February.

During the week of February 6th, he attended the Spring Meeting of the American Society of Civil Engineers, which was held at San Diego, California. "Skip" is National Director of the Society and attended the Board of Directors meeting which convened during the meeting.

On February 18-19, he attended the Spring Meeting of the National Society of Professional Engineers, at Charlotte, North Carolina. Professor Carlton presented the Young Engineers Committee Report. He is chairman of that committee.

On February 23, he is invited to attend the Minnesota Society of Professional Engineers, which will be in session in St. Paul. He will serve as moderator at a panel discussion, "The Young Engineer — His Problems".

Two New Members Appointed to M. U. Board Of Curators; Powell B. McHaney Renamed

Governor Phil M. Donnelly reappointed Powell B. McHaney, of St. Louis, to the University of Missouri Board of Curators and named two new members.

The new members are Randall R. Kitt, a lawyer from Chillicothe, and Oliver B. Ferguson, a publisher from Fredericktown. All three men will serve until January 1, 1961. McHaney, who is president of the General American Life Insurance Company and President of Civic Progress, Inc., was appointed by Governor Forrest Smith and has completed a 6-year term.

Kitt, a Republican, succeeds Dr. Glen W. Hendron, of Liberty, a Democrat. Ferguson, a Democrat, succeeds William P. Elmer, of Salem, a Republican. Both new members are Missouri graduates, Kitt of the Law School and Ferguson, of the School of Journalism. Ferguson is also a graduate of Central College, in Fayette. Kitt was Livingston County's State Representative for four terms, in two of which he was Republican majority floor leader. He is general counsel for the Missouri Bankers Association.

Ferguson, editor-publisher of the Fredericktown Democrat-News, has long been interested in university alumni affairs and is a member of the university's Quarterback Club, alumni interested in football.

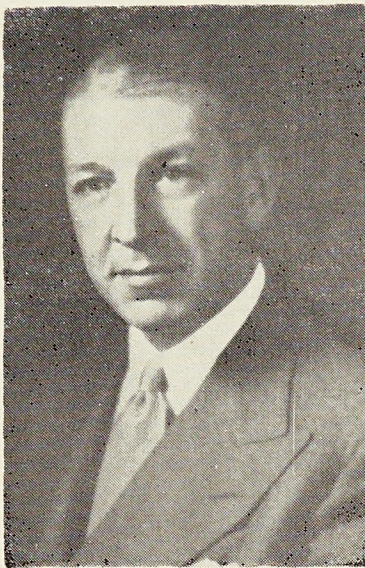
McHaney was formerly president of the Board of Curators but was succeeded as president last year by James A. Finch, Jr., of Cape Girardeau, a lawyer.

Other holdover members are: Mrs. Byron T. Shutz, Kansas City; Fred V. Heinkel, Columbia, Missouri Farmers Association president; James S. Bush, St. Louis banker; Lester E. Cox, Springfield industrialist, and J. A. Daggs, Memphis farmer.

E. A. Huffman, '35, Dies

Edward A. Huffman '35, died in Wichita, Kansas, December 3, 1954. Mr. Huffman was geologist for the Pabco Drilling Company. He is survived by his wife, Faith, and two sons, Jon and Michael, all of Wichita.

Whittelsey Gets Promotion With Construction Firm



CHARLES C. WHITTELEY

LORD, BACON & DAVIS, INC., engineers-constructors, with offices in New York, Chicago, Los Angeles, Monroe La., and Toronto, Canada, have announced that Charles C. Whittelsey, ex-'22, has been advanced to the position of Executive Vice President, having formerly been Vice President in charge of the firm's construction activities. He will also continue as Executive Vice President of the firm's subsidiary, Ford, Bacon Construction Corporation, with headquarters at Monroe, Louisiana.

Born in Birmingham, Alabama, Mr. Whittelsey attended Washington University and the Missouri School of Mines. He has had active charge of the engineering and construction of many of the large-scale projects handled by the firm such as the extensive facilities at Texas City, Texas, of Carbide and Carbon Corp.; part of the Atomic Energy Project at Oak Ridge, Tennessee; the country's first and one of the largest plants for producing synthetic rubber at Institute, Virginia; the Natchez, Mississippi, wallboard plant of Johns-Manville; and the ammonia, methanol, and ni-

troparaffin plants of Commercial Solvents at Sterlington, La.

His experience in the oil and gas business dates back to 1926 when he joined the firm to work on the construction of the Interstate Natural Gas Company's line from Monroe, La., to New Orleans. Since that time he has been continuously active in the firm's oil and gas work which includes many of the major pipe line projects in the U. S. and Canada.

He is a member of the American Society of Mechanical Engineers, the American Society of Civil Engineers, the American Society of Military Engineers and is a registered professional engineer in a number of states in the U. S. and several provinces in Canada.

Dresbach Gives Specimens From Africa to Alma Mater

C. H. Dresbach '29, Director-General Societe Nord-Africaine de Petroles, for the past five years, returned to the United States from Tunisia for a brief time, but has received another assignment abroad and returned to Europe and Africa.

Charlie brought back a collection of foraminifera and rock specimens which he donated to the Geology Department at MSM.

In his letter to Dr. O. R. Grawe, he stated that, "I still feel, as always, that my school training at MSM would be first choice if being repeated."

The Geology Department wishes to express its appreciation, not for the specimens alone, but for the sentiment and spirit which accompanied them. Such words of appreciation constitute the best remuneration a faculty member can receive.

Promoted by Kennecott Copper

James K. Richardson '32, has been named assistant general manager in charge of labor, public and industrial relations at Kennecott Copper Corp.'s Chino Mines Division.

Mr. Richardson, who was assistant to the general manager of Kennecott's Utah Copper Division, joined the company in 1950 as industrial relations engineer for the Western Mining Divisions.

Arizona Section

Tang's Rice Bowl, Phoenix, Arizona, was the scene for the organization meeting of the Arizona Section of the Missouri School of Mines Alumni Association, on Saturday, January 22nd.

At 7:00 p.m., nineteen "Old Grads" and 14 alumni ladies gathered for dinner after which Barney Nuell, vice-president of the Association, was introduced as guest speaker. Mr. Nuell spoke forcefully on what the alumni mean to the school, fellow alumni and society. He emphasized his remarks with examples of fellowship.

The organization meeting which followed was called to order by Dan Huffman '22. The following business was transacted. By unanimous vote those present expressed their desire to petition the Board of Directors for the right to form a local Section, to be known as the Arizona Section. The temporary officers selected were: Dan Huffman '22, Chairman; John L. Brixius '47, vice-chairman, and E. Rowland Tragitt '23, Secretary-treasurer. By regular motion, second and vote, the temporary officers were made permanent.

After the business meeting a film of the Missouri School of Mines campus and 1952 homecoming was shown and a general "gab fest" followed, during which contributions to the Annual Alumni Fund were made by 12 grads who had not contributed this year.

Those present were: Barney Nuell '21, Los Angeles, Calif.; Mr. and Mrs. John Brixius '47, Mr. and Mrs. G. M. Deutman '50, Paul A. Matthews '50, of Globe, Ariz.; Mr. and Mrs. Gorgon Napp '51, and Mr. and Mrs. John E. Gardner '51, of Miami, Ariz.; Mr. and Mrs. J. K. Foreman '10, Mr. and Mrs. Ben Cody '11, M. H. Detweiler '11, J. C. Finagin '14, Mr. and Mrs. Walter Weissbach '16, Mr. and Mrs. John T. Young '17, Mr. and Mrs. Daniel Huffman '22, R. I. C. Manning '22, Mr. and Mrs. E. Rowland Tragitt '23, Mr. and Mrs. Fred E. Drete '43, Mr. and Mrs. Waltenspiel and Mr. and Mrs. R. J. Pennington '50, all of Phoenix, Arizona.

**WE NEED 1,300 MORE
CONTRIBUTORS.**

MSM Section News

St. Louis Section

The Grecian Gardens was the setting for the St. Louis Section meeting, at a luncheon, December 18th. President Jim McGrath '49, presided. A short business meeting was held at which time the Treasurer's report was given.

The group discussed the ways and means of interesting more alumni in the scheduled meetings and possibly arrange different types of meetings to increase attendance. Twenty-five alumni were present. They were:

Mick Brazill '20; Ed Bueker '50; J. R. Chappell '51; D. G. DeBolt '49; Paul Dowling '40, Director, Area No. 5; Bob Klorer '44; Jim McGrath '49, President of the Section; John E. McCarthy, ex-'30; Ed Mooney '50; Joe Mooney, ex-'39; C. C. Palmer '40; C. A. Durphey '42; F. P. Paul '42.

John Post '39; J. S. Quinn '49; R. S. Radcliffe '42; Milton Rau, ex-'40; Jack Radcliffe '38; Bob Rieder '51; Richard Roerman '51; Ray Ruenheck, 2nd vice-president of the Section; Steve Salarano '46; H. R. Smith '45; and D. E. Spackler '50; J. F. Welch '40. "Ike" Edwards was a guest at the meeting.

Denver Section

The Denver Section of the Alumni Association met at the University Club, December 8th, for their winter meeting. M. I. Signer '23, Chairman of the Section, presided at the dinner meeting. Eighteen alumni and wives attended.

Among those present were: Mr. and Mrs. Wm. H. Burgin '40, Director Area No. 8; Mr. and Mrs. Charles V. Cameron '38; Mr. and Mrs. Thomas V. Cummins '33; Mr. and Mrs. Joseph C. Knittel '42; Mr. and Mrs. Maurice F. Murphey '31; Harvey L. Tedrow '11; M. I. Signer '23; George W. Dickinson '37; Pauline F. B. Schroeder '50 and Virgil D. Schroeder

er '46. All were from Denver except George Dickenson, from Littleton, Colo., and the Schroeders, from Wheat Ridge, Colo.

A very pleasant evening was spent renewing old and making new acquaintances. "Ike" Edwards, Executive Secretary of the Association, from Rolla, was also present.

Kansas City Section

The Kansas City Section held their December meeting at the American Legion Hall, Linwood and Paseo, on the 10th. The feature of the dinner meeting was pictures shown by the Union Pacific Railroad. President Raymond O. Kasten '43 presided at the business meeting.

Membership in the local section was stressed and plans for subsequent meetings were outlined by the president. Their big event, with the ladies, will be a St. Pat's Party, March 18, with Don Riley '48, in charge. Time and place of the dance will be announced at a later date.

Approximately 45 alumni were present. Those present were: W. E. Back, Jr. '50; L. J. Bieri '51; V. Alexander '30; R. D. Boedy '50; E. T. Campbell '23; S. E. Compton '51; J. H. Doerres '43; M. H. Ellis '48; R. W. Gates '50; Fred Hoener '41; Gene Kennedy '51; J. L. Krall '44; Loren Hargus, Jr. '51.

W. A. Kelly '50; Ray Kasten '43; L. J. Lukrofka '50; R. T. Means '51; F. S. Macklin '32; F. Q. Packheiser '50; Ray Pickett '48; E. G. Parmenter '48; D. A. Riley '48; C. E. Ratestraw '44; C. E. Richey '52; Jim Stephens '47.

J. J. Sponske '50; K. V. Sibert '48; W. H. Thurman '48; Paul O. Vaporian '52; E. J. Werner '49; H. W. Westerman '52; D. S. Westmoreland '52; E. L. Wilson '51; C. K. Wissel '49; Karl E. Zerwick '50.

Mrs. Anna Schuman Dies

Mrs. Anna Louise Schuman, a member of a pioneer Rolla family, died at the Phelps County Hospital, January 5th. Mrs. Schuman was the mother of Edwin K. Schuman '20 and Mrs. Enoch Needles, of Summit, New Jersey. She was 82 years old. Interment was in the Rolla Cemetery.



The Host and Hostess, Mrs. Salmon and "Fish."

Ark-La-Tex Has Christmas Party

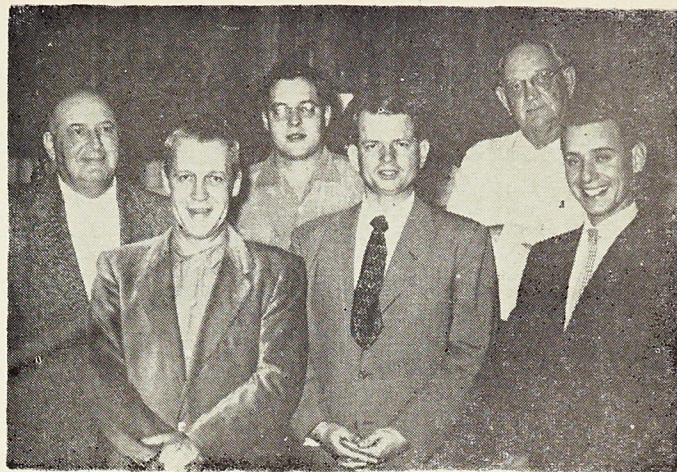
The Ark-La-Tex Section had their Christmas Party at "Fish" Salmon's Caney Lake Resort on December 11th. Approximately 50 alumni and their wives attended this barbeque and chicken dinner.

The annual election of officers was held and Claude N. Valerius '25, was elected Chairman. Ocher Goldsmith '20, was elected Vice-Chairman and Guy Ellison '52, was chosen to serve as Secretary-Treasurer.

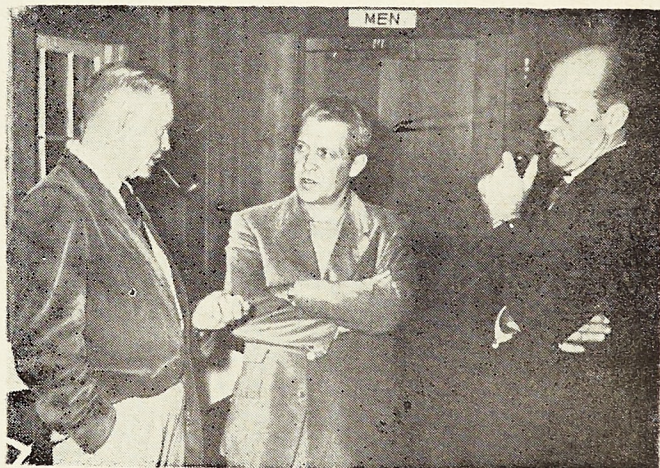
The next meeting of this section will be March 19. The place of meeting will be the Park Hotel, Hot Springs, Arkansas. Edward C. Farrell '41, 230 Park Terrace, Hot Springs, is organizing the meeting. All alumni in the vicinity of Hot Springs and Little Rock are requested to contact Ed and make arrangements to attend this meeting



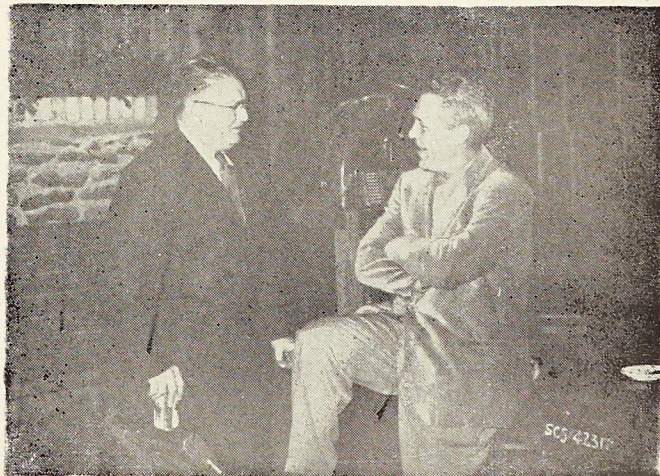
Left to right — Miss Barbara Conley; Mrs. F. H. "Satch" Conley; John Livingston, '39; Mrs. Livingston; "Fish" Salmon, '22; and G. A. Roberts, '28.



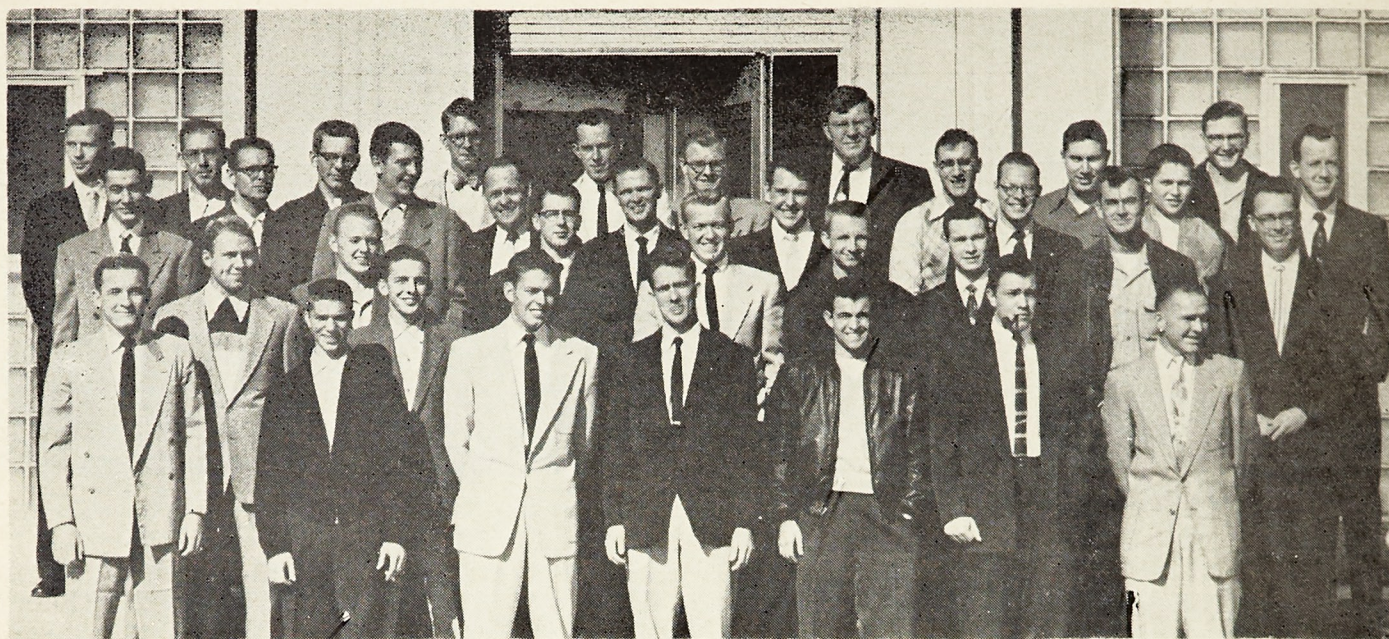
Front row—C. Valerius, '25, president; Rolla Wade, '31, director, Area No. 2; K. Gereau, ex-'53, former secretary-treasurer; Back row—Olsher Goldsmith, '20, vice-president; Guy Ellison, '52, secretary-treasurer; and J. C. "Fish" Salmon, '22, past president.



W. H. McCartney, '16; C. Valerius, '25; and W. R. Mays, '32



"Satch" and "Feets" talk it over.



SAE MEMBERS: First row, left to right: Joe Hannauer (SAE Student Branch President); Joe Lobacz, Robert Glenn, Roy Nyman, Duke Henderson, Art Baebler, George Sabus. Second row — Lawrence Kessler, Roy Chastain, Robert Miller, John Phillips, Allen Eberle, Roger Berkbighler, Laurence Maddox and C. R. Remington (Faculty Advisor). Third row — Truman Anderson, Frank Paladin, Ronald Davis, Art Fitzwater, Charlie Vaughn, Orval Sutton, Bill Martin, Tony Berenato, Charles Saussele, Robert Oetting and R. E. Schowalter (Prof. in M. E.) Fourth row — John Jones, Kenneth Kahre, Art Fink, David Nothstine, Paul Tucker, Joe Lesyna, Norman Hefti, Gabriel Kassab and Bill Warren.

MSM Student Automotive Engineers Branch, With 125 Members, Is Largest on Any Campus

THE STUDENT BRANCH of the Society of Automotive Engineers was organized on the campus of Missouri School of Mines just three years ago. Since that time the chapter has grown until this year it is the largest on any college campus in the United States with 125 enrolled student members. The members are primarily made up of Mechanical Engineers and any students who have an interest in the automotive field.

The student officers responsible for this large membership are: President, Joseph O. Hannauer, 9415 Sterling, St. Louis, Missouri; Vice-President, Robert B. Oetting, 9309 E. 64th St., Raytown Missouri; Secretary, Roger Berkbighler, 504 Taylor Avenue, Crystal City, Missouri; and Treasurer, Lawrence Kessler, 205 W. 2nd St., Washington, Missouri.

SAE is a technical society organized for those engaged in the different phases of automotive engineering, from passenger cars and trucks to air-

craft and railroad equipment. The student branches on college campuses throughout the United States were organized for those who are preparing to enter these fields of engineering. Enrollment in one of these branches gives the student an early opportunity to affiliate himself with the professional society.

The SAE branch at MSM has been very active since its organization three years ago. Last November 5, thirty-five senior members were guests of the McDonnell Aircraft Corporation in St. Louis. The group was very fortunate to tour the plant where many of our nation's jet fighters are assembled.

Many interesting programs have been planned for the student members for the remainder of the school year.

With this continuation of good programs the organization will no doubt continue to grow in the years to come.

Macklin Has High Post With Corps of Engineers

Floyd S. Macklin '32, an employee of the Corps of Engineers for over 25 years, has been assigned as assistant Chief of the Construction Division. He is a registered professional engineer in the State of Missouri and his former position with the Corps was Chief of Military Construction Branch where he exercised staff supervision over 15 military projects costing over \$200,000,000.

During World War II from 1943 to 1945, he served a tour of duty with the Navy and saw service in the Mariana Islands, including Guam and Saipan, with a Navy construction battalion. In 1954 he received a commendation from former District Engineer, Col. K. R. Barney, for planning, organizing and conducting a school for resident engineers and concrete inspectors.

He is a member of the local and state branches of the National Society of Professional Engineers. The Macklins live at 912 Charlotte, Kansas City, Missouri.

Alumni Fund Lags; 1,300 Still Needed

THE 1955 Annual Alumni Fund is now in the third month of its initial journey. About 900 alumni have sent their contributions which has averaged about \$7.00 per contributor. Our goal, as you know, is 2,200 members and it was expected that they would be obtained during the first six months of the campaign.

We need 1300 contributors in the next three months.

Under the Annual Alumni Fund plan there is no fixed dues as was the policy in previous years. Each contributor determines the amount he desires to give in order that the Alumni Association will continue to progress and through its accomplishments, help to make the Missouri School of Mines and Metallurgy the outstanding school in technology.

Those who haven't, send your contribution today. The amount is left to you, but contribute something. Too, you know the amount is an allowable deduction on your income tax.

John Soult, '39, New Head of Fruin-Colnon Contractors

John P. Soult '39, has been elected president of Fruin-Colnon Contracting Company, St. Louis, Missouri. Just a few months ago, John was elevated to the Executive Vice-Presidency of Fruin-Colnon. He has been with this organization since his graduation from MSM in 1939, receiving his degree in Civil Engineering.

John has been very active in alumni activities in the St. Louis Section and served as Section President in 1953.

The Soult's reside at 37 Frontenac, Clayton 24, Missouri.

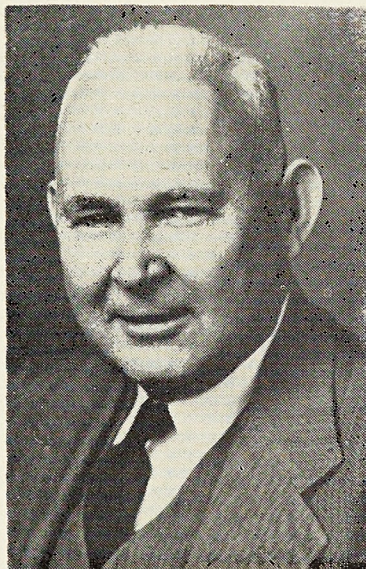
R. J. Morris Visits Campus

Robert J. Morris '51, was visiting on the campus, January 27th. Bob is a graduate student at the University of Cincinnati, Cincinnati, Ohio, his home address being 517 Riddle Road, Cincinnati, 20.

Prof. Butler Becomes Only Non-Resident Director of St. Louis Engineers Club

Professor Joe B. Butler '24, Chairman of the Civil Engineering Department at MSM, was elected to the Board of Directors of the Engineers Club of St. Louis, at their annual meeting. He will serve for a period of two years. His election to the board gives him the distinction of being the only non-resident member in that administrative group.

Professor Butler has been quite active in the affairs of the Engineers Club and is the oldest member of the club among the MSM Faculty.



PROF. JOE B. BUTLER

He might be referred to as, "Mr. Membership Drive", because of his great success in this field that has brought the membership of MSM faculty, students, and alumni to a total that is exceeded by only one organization or group in 1954. That was Union Electric. In 1950, MSM ranked 15th in memberships among groups; in 1951, MSM ranked 1st, with 70 members; in 1952, second with 57 members; in 1953, third with 47 members, and 1954 second with 56 members.

Joe first started his "membership-getting" activity in 1932. In 1949, he re-emphasized his activity which brought the above quoted results. At present he is a captain of a member-

ship team composed of Assistant Dean V. A. C. Gevecker; Dr. A. J. Miles, Chairman of the Mechanical Engineering Department; Dr. Daniel Epelsheimer, Professor of Metallurgical Engineering, and Professor I. H. Lovett, Chairman of the Electrical Engineering Department. He also works with team captain, Neil Stueck '43, who heads the MSM team in St. Louis.

Professor Butler organized the Missouri Society of Professional Engineers, in 1937, and served as its first president. When Professor E. W. Carlton '26, became president of the MSPE, Joe served two years as MSPE Membership Committee Chairman.

In 1950, Professor Butler was instrumental in starting what is known now as, "Rolla Night", an annual meeting of MSM students, faculty, alumni, prospective students and friends of the School of Mines.

Joe is proud of his attendance record at the board meetings though being 100 miles remote from the place of meeting; to-date it is 100%. The average for the group is less than 60%.

Dr. Schrenk Speaks to Kansas City Paint Group

Dr. W. T. Schrenk, Chairman of the Department of Chemical Engineering, MSM, addressed the Kansas City Paint, Varnish and Lacquer Association and the Kansas City Production Club, at their monthly meeting, January 25, at the Hotel Phillips.

Dr. Schrenk spoke on the progress of the Paint Technology Course at MSM, which the Kansas City and St. Louis Paint, Varnish and Lacquer Associations and Production Clubs are actively supporting.

Speaking of the progress, David E. Eichelberger, president of the Kansas City Association, stated that since there are so few paint schools in the United States today, he feels that this project is of interest, not only to the paint manufacturers in the mid-west area, but to the suppliers of raw materials used in making paint, and to every user of paint products.

Class of 1914 Adds \$5,000 to Its Fortieth Anniversary Gift to Alumni Association

The Class of 1914 has made a second contribution to the Annual Alumni Fund. The recent contribution was for \$5,000.00. In the letter transmitting this gift was the statement, "The Alumni of any school are so vital to the institution itself that it is our desire to see a strong, active Association in every way possible."

The \$5,000.00 was given to be used for the advancement of the Department of Civil Engineering at MSM. With this as the only restriction, the

department has great latitude in the expenditure of this gift.

In November, this group gave approximately \$2,000.00 to the Alumni Fund, with \$1,000.00 being restricted for two, \$500.00 Freshmen or Sophomore Scholarships in the Civil Engineering Department and the remainder for use in the general fund of the Alumni Association. This \$5,000.00 contribution is the largest single amount received, to-date, by the Alumni Fund in its initial year of operation.

Charles R. Hubbard, '33, Goes to University of Idaho



CHARLES R. HUBBARD

Charles R. Hubbard '33 who has been with the U. S. Bureau of Mines, at Rolla, Missouri, resigned effective December 31, to accept a position as Mining Engineer, Bureau of Mines and Geology, University of Idaho, Moscow, Idaho. His new address is Blaine Manor Apartments, East Third Street, Moscow, Idaho.

Steven M. Molloy '32, died November 23, in Salt Lake City, Utah. He was a metallurgical engineer with the Bureau of Mines. He is survived by his wife, Helen English Molloy, formerly of Rolla, and one child, Steven, Jr. The funeral services and burial were at Joplin, Missouri.

MSM Cagers Have Six Wins, Lose Conference Games

The basketball season is in full swing at MSM and the Miners have completed 13 games of their 21 games schedule. They have won from Westminster College, Harris Teachers, Blackburn College, Greenville College, Eastern New Mexico University and Southwestern Oklahoma.

The last two games were played at the Sunshine Tournament at Portales, N. M. The Miners brought home a very large third place trophy from that tourney. Conference play has just started and they dropped the first three games to Cape Girardeau, Kirksville, and Warrensburg, respectively.

All of their remaining games are with conference teams with the exception of the one with Washington U., here, February 9. The Miners' "won column" is now equal to the entire season of 1954, so this season is bound to be equal or better than last.

Bruce Williams Honored

The January 1955, issue of the "Missouri Engineer", the official Journal for the Missouri Society of Professional Engineers, devoted its cover page to a picture of Bruce Williams, ex-'05.

Bruce is Chairman of the State Board of Registration for Architects and Engineers.

Mr. Williams is president of Bruce, Williams Laboratories, Joplin, Missouri.

Three Get Military Awards at Convocation

The three top military students at MSM, were presented awards at the mid-term convocation, held in Parker Hall. The three students who received the awards were: Robert N. Hoffman, of Litchfield, Illinois; Julius N. Scott, Newburg, Missouri and Bruce W. Carpenter, of Bloomfield, Nebraska.

Hoffman received the Distinguished Military Graduate and the Chicago Tribune Gold Medal Award (Senior). Scott received A Distinguished Military Graduate Award and Carpenter, The Chicago Tribune Silver Medal Award (Junior).

The honors were awarded for their outstanding scholastic record maintained in college as well as their military achievement, leadership and character. Their grade point average was 2.51, 2.04 and 2.15, respectively. Hoffman was appointed Regimental Commander of the School Engineer Regiment with the rank of Cadet Colonel. This honor also brings with it the honor of being offered a Regular Army commission in the U. S. Army. In 1953, Hoffman won the Silver Medal Award.

Scott was appointed Battalion Commander of the Third Battalion in the School Engineer Regiment with the rank of Cadet Lieutenant Colonel.

Carpenter has been the First Sergeant of Company "E" of the Second Battalion of the School ROTC Regiment.

Colonel Eugene E. Moyers, Corps of Engineers, U. S. Army, PMST, at MSM, presented the awards.

Marriages

Arthur H. Fuldner '47, and Eileen Mary Weatherhead were united in marriage December 18, 1954 at Carmel, California. They are residing at 789 Tenth Avenue, San Francisco, California.

William E. Sipe '54 and Bernice A. Zook were married in Smithville, Ohio, November 27, 1954. Bill is an engineer in the Power Department of the DuPont, Savannah River Plant, Augusta, Georgia. The Sipes' are at home at 941 Meigs Street, Augusta, Georgia.

Births

Mr. and Mrs. Joseph D. Crites '49, announce the arrival of their second son, Thomas, November 13th. Joseph David, Jr., is now two years old.

Mr. and Mrs. George F. McCormick advise that Jeanette Elaine arrived at their home, 3151 East Colorado Street, Pasadena, California, on September 18, 1954.

Mr. and Mrs. Ronald M. Kingsbury, Jan. '55, are the parents of Susan Elaine, who arrived January 12th. The maternal grandparents are Professor and Mrs. Ernest Carlton. Pat was recently secretary in the Alumni Office.

Mr. and Mrs. Gilbert G. Haas '42, greeted Virginia Louise, born July 29, 1954. The Haas family lives at Shidler, Oklahoma, address, Box 398.

Mr. and Mrs. James R. Paul '43, have a new baby, Mary Pat, born May 27, 1954. This is their third girl. The others are Pamela Lou, age 7, and Frances Ann, age 5.

Mr. and Mrs. Denver S. Patton, Jr., 261 Elister, Shreveport, Louisiana, advise that Cathie Leah came to their home October 3, 1953. The news did not reach us until now but we are glad to inform all MSM Alumni of her arrival.

Mr. and Mrs. Robert M. Ponder '50, 15710 Lexington Ave., Harvey, Illinois, are proud parents of a son born August 12, 1954. Their other child, a daughter, is two years old.

The John J. Dowlings, Jr. proudly announce their first child, Margaret Ann, arrived August 26, 1954. Her home is at 2899 Jackson, Memphis, Tennessee.

The Kenneth W. Vaughns '47, welcomed Philip Lincoln, their third child, born May 1, 1954. Mrs. Vaughan was the former Fay Merrell of Rolla. The Vaughns would like to have any Miners going through Aberdeen, South Dakota, stop and see them at 1725 South Main Street.

Mr. and Mrs. John B. Toomey '49 announce that their first son, John Kelly, arrived November 8, 1954. John's address is BuAER Navy Department, Washington, D. C.

Robert I. Zane '51 and wife advise of the arrival of Stephen Robert on June 24, 1954. Their address is 7138 Craig Road, Overland Park, Kansas.

William H. Bowlin '52, and Mrs. Bowlin write of the arrival of Stephanie Lynn, September 21, 1954. The Bowlins reside at 3229 Denver Drive, Kansas City 28, Missouri.

Mr. and Mrs. Donald Taylor '51, of 249 Jefferson, Valley Park, Missouri, announce the birth of Diana Rose, on October 13, 1954. She weighed in at seven pounds, one ounce.

Mr. and Mrs. Edwin Blankenmeister '49, tell of the arrival of Paul Bruce, born October 15, 1954. They dwell at 5317 Lampasas, Houston, Texas.

Born to Mr. and Mrs. M. H. Beaver '51, their second child and first daughter, Connie Sue, on March 11, 1954. Their son Robert is 2½ years old.

Mr. and Mrs. William F. Ellis '48, announce the arrival of a daughter, Kendra Lynette, on October 7, 1954, at Jackson, Mississippi. Bill is working in the capacity of District Petroleum Engineer, Union Producing Company (United Gas System), Jackson District, Jackson, Mississippi. Their address is 1923 Robinson Street, Jackson.

Webster-Briggs

James P. Webster was united in marriage to Kathleen Patricia Briggs, of Detroit, Michigan, on September 4, 1954. They are residing in Narberth, Pennsylvania where Jim is employed as a Sales Engineer for the Pacent Engineering Corp., Manufacturer's Representatives.

**1,300 MORE
CONTRIBUTORS ARE
NEEDED.**

Eleven Graduates of MSM Are With Missouri Pacific

Don J. Bertel '51, and Gene A. Laytham '52, who are with the Missouri Pacific Railroad were interviewing seniors as prospective employees with their company. Eleven graduates of MSM are now with the Mo-Pac.

Those who are employed by Mo-Pac., are: Robert J. Kemper '49, who is Assistant Division Engineer, at Kansas City, Missouri; William E. Turner '49, is Instrument man, at Little Rock, Arkansas; Arthur O. Kruse '50 is also Instrument man at Little Rock, Arkansas; Charles T. Schweizer '51, is Instrument man at St. Louis, Missouri; William J. Brakensick '51, is Instrument man at Falls City, Nebraska; Frank L. Moore '52, is Instrument man at St. Louis, Missouri; C. Dean Barton '53, is Instrument man at Poplar Bluff, Missouri; F. L. Diebold '53, is Instrument man at Osawatomie, Kansas, and Joe B. Reynolds '53, is Instrument man at Jefferson City, Missouri.

T. Hudson Thatcher Dies; Former MSM Student

T. Hudson Thatcher, a civil engineer, and former student at MSM died in St. Louis in December. He was associated in business with a brother, E. Fusz Thatcher, in the firm Thatcher and Patient, Inc., and he also managed several farms.

His father was the late Thomas Hudson Thatcher, former Presiding Judge of the St. Louis County Court. He is survived by a sister, Mrs. John W. Barriger of Winnetka, Ill. and in addition to E. Fusz, three other brothers, Charles C., George W., both of St. Louis, and Comdr. Joseph O. M. Thatcher who is stationed in Algiers, French Algeria.

Mr. Thatcher was 50 years old at the time of his death.

Neely-Stoeppelmann

James M. Neely, Jr. '50 and Miss Eileen Stoeppelmann were married October 23, 1954. They are at home, 622 Cleveland, Kirkwood, Mo. Jim is project engineer at Airtherm Mfg. Co.

Undergraduates Apply for Summer Employment

The Office of the Assistant Dean is receiving inquiries daily from undergraduates concerning positions open for summer employment. Employers who can use the services of undergraduates during the summer are urged to contact the Office of the Assistant Dean, MSM, Rolla, giving your needs and the qualifications of the employee for the position you desire to be filled. Many companies have found that the employment of undergraduates results in the employment of this individual full-time upon graduation.

Col. Rosenbaum, MSM '33, Fort Wood Chief of Staff

Colonel Charles R. Rosenbaum '33, who has been serving as Deputy Chief of Staff at Fort Leonard Wood, Missouri, was recently promoted to Chief of Staff. This is Col. Rosenbaum's second tour of duty at Ft. Leonard Wood. In 1941-42 he served there as Personnel Officer of the 7th Engineer Training Group. During World War II, he was in Europe for two and one-half years with the Fifth Army. He also served in Korea during the conflict there.

The Colonel is a registered engineer in the State of Missouri.

MSM Graduate in Fourth Armored Honor Group

Second Lt. Thomas L. Brown is a member of the 126th Armored Ordnance Battalion which recently was named the 4th Armored Division's Honor Battalion of the Month.

The Battalion was picked for its outstanding safety and conduct record. Lt. Brown graduated from MSM in 1951. He is assigned to the operations section at battalion headquarters. This tour of active duty with the army began last April.

1908

James D. Fowler of Koch and Fowler, Civil Engineers writes that their partnership is celebrating its Fortieth anniversary this year. They are located at 3900 Lemmon Avenue, Dallas, Texas.

Alumni Secretary to Conference in Omaha

"Ike" Edwards, Alumni Association Executive Secretary, attended a Joint Conference of the American College Public Relations Association, at the Hotel Fontenelle, Omaha, Nebraska, December 5-7.

More than 200 men and women, professionally engaged in alumni or public relations work at colleges and universities covering seven midwest states attended.

Prominent speakers on the program included Dr. Kenneth McFarland, educational director, consultant, lecturer, American Trucking Association, Topeka, Kansas; Ernie Stewart, executive secretary, American Alumni Council, Washington, D. C.; Bill Cumerford, Cumerford Associates, Kansas City, Mo.

The three-day conference program included panels and workshops covering various phases of alumni and public relations work. The special feature for alumni men and women was magazine layout, fund raising, postal regulations. Howard Mort, executive director, Chicago University magazine, led the discussion on alumni magazine production. He was also featured speaker at a luncheon session.

MSM ALUMNI LUNCHEON

AT THE

AMERICAN INSTITUTE OF MINING & METALLURGICAL ENGINEERS ANNUAL MEETING

IN CHICAGO, ILLINOIS

TUESDAY, FEB 15, 1955, 12:30 P.M.

ROOM 20, FOURTH FLOOR
CONRAD HILTON HOTEL

Dustin J. Wood '50, sent in his change of address. It is now 7822 6th Avenue South, Birmingham 6, Alabama. Dustin is an Consulting Engineer with Polk, Powell & Hendon. He has been north and now advises," Go South young man, Go South."

Alumni Personals

Floyd P. Smith '41, was recently promoted to Division Manager, of the Southern California Division of Engineers Limited Pipeline Company. This promotion resulted in a transfer from Los Angeles to Bakersfield, Calif. His address is 12714 Englewood Avenue, Hawthorne, Calif.

Herbert G. Landy '49, has joined the Hotpoint Company, effective December 1954, as assistant engineer. His home address is 1954 West Arthur Avenue, Chicago, Illinois.

Donald O. Montgomery '51, left the employ of Montanto Chemical Co., in December, and is now employed by the C. F. Braun Co., Alhambra, Calif. His address is 890 Carillo Drive, San Gabriel, Calif.

Georgia Parharoglu '54, is now in Istanbul, Turkey. His address there is, Aksaray, Langa Hissardibi sok 71. He is employed as a Consulting Engineer.

Gerald Schnaedelbach '50, sends in his new address as 3515 Flagler Ave., Key West, Florida.

2nd. Lt. Richard O. Holland '53, has just finished his Cool Weather training at Hohenfels, Germany with the 15th Engineer Bn. His mailing address is Co. C, 15th Eng. Bn. 9th Inf. Div., APO 696, c/o Postmaster, New York, N. Y.

Pvt. Charles A. Hewett '52, is in the army as a theoretical physicist with nucleonics. He is stationed at the Army Chemical Center, Maryland. His organization is 9710 TU Cml C Det. No. 2. His home address is 468 Riverside Drive, Johnson City, New York.

Kenneth L. DeLap '52, and Miss Phyllis Borgman, of Columbus, Ohio, were united in marriage, November 14, 1954. The newlyweds reside at 1036½, Union Street, Columbus. Kenneth is a Consulting Engineer with the Southern Indiana Engineering Co.

John J. Ratcliff '49, 6117 Adeline St., St. Louis, Mo., is with the Frisco Railroad. He is assistant Personnel Officer working with Labor Relations.

Mr. and Mrs. Richard Stevens '54, announce the arrival of Lynne Dawn, October 19, 1954. The Stevens are now in the south at 1008 Cherry Street, Alcoa, Tennessee.

1910

Charles W. Traugher retired May 31, 1954 and his address is 1552 Waverly Way Baltimore 12, Md.

Charles A. Burdick was made honorary member of Washington Society of Engineers. He is a consulting engineer. His address is 3900 Connecticut Ave., N. W., Washington 8, D. C.

1914

L. J. Boucher will retire April 30th and move to Indialantic-by-the-Sea, Melbourne, Florida, where he is now building.

1926

Harry C. Birchard, 300 South Vernon, Dearborn, Michigan, writes, "Time Flies — Grandpa 4 times. Expects to be through Rolla about Feb. 1st. Know things have changed there too."

1925

Bernard Degan Boyd, Coal Mine Operator, 2005 South Greenwood, Ft. Smith, Arkansas informs us that Raymond Orr '25 is Chairman of Arkansas State Highway Commission.

1925

James L. Pasley, 201 Boonville Road, Jefferson City, Mo., has a son, John, who is a Freshman at MSM this year. James is with the Mo. St. Highway Dept. as Assistant Bridge Engineer.

1929

Joe Williamson, Jr. has his own firm of Municipal and Industrial Consulting Engineers at 6731 Manchester Ave., St. Louis, Mo.

1921

N. B. Larsh '21 resigned from Southern Production Company, December 1st, and now has his own office as Consulting Geologist. His mailing address is Box 708, Midland, Texas.

1922

Henry E. Diers with the Illinois Highway Department has been appointed Engineer of Maintenance, Illinois Division of Highways. His home address is 1912 Holmes, Springfield, Illinois.

1930

Harry F. Kirkpatrick received a promotion to the rank of permanent Colonel, Regular Army, Corps of Engineers, on November 1. Col. Kirk-

patrick's present address 5736 Maryland Avenue, Falls Church, Va.

1931

Col. Martin Tieman, Jr. recently returned from duty in Germany, for medical treatment in Walter Reed Army Hospital, Washington 12, D.C. His mailing address is in care of that hospital.

1932

John A. Pollak, on November 1st, was transferred to the Construction Division ACS Installations, Dep't of Air Force, Room SD484, The Pentagon, Washington 25, D. C. John was previously at the U. S. Atomic Energy Commission, Savannah River Plant. His home address is 5134 3rd Street, North, Arlington, Va.

John C. Berkenbosch recently resigned from government service to enter the air conditioning field and formed the Tri-Air Corporation. Their address is 10408 Manchester Road, St. Louis 22, Missouri.

1933

Rex E. Pinkley is project manager for T. L. Jones & Co., Inc., and W. R. Aldrich & Co., both Louisiana firms, who have a seven million dollar project paving at the Bunker Hill AFB, Indiana.

William H. Lenz is Metallurgy Consultant with Permo, Inc., Chicago, Illinois. His residence address is 1520 South Washington, Park Ridge, Illinois.

Theodore C. Seiberling, 402 Huff Court, Bonne Terre, Mo., sends his laments that he failed to catch a record breaking fish this past year and no golf trophy either. Poor season.

T. W. Hunt, who is with the Portland Cement Association, has been transferred from Kansas City to Chicago, Illinois. His new address is 5327 Magnolia Ave., Chicago 40.

1934

George A. Hale was elected, this past summer, National Chairman of the Marine Chemist's Association. This organization is composed of Chemists certified by the American Bureau of Shipping as competent to certify conditions surrounding hazardous cargoes aboard vessels trading in U. S. harbors. George is with the

Marine Inspection Engineers. His home address is 3850 Foster St., Evanston, Ill.

1935

Max E. Edgar was transferred to Glacier National Park, July 1, 1954, as Chief Park Engineer in charge of Engineering Division, of 1,000,000 acres of America's most beautiful mountain scenery.

Gill Montgomery, General Manager, Mining Division, Minerva Oil Co., address is 2300 Illinois Avenue, El-dorado, Illinois.

1936

Robert T. Chapman is assistant resident manager, Potash Company of America, Carlsbad, New Mexico. Address Box 31, Carlsbad.

Walter T. Jones is President and General Manager of the Rio Grande Steel Products Co., Inc. Walter acquired this corporation from the Buck Estate, after the death of Alfred Buck, a MSM Alumni. His address is P. O. Box 477, Albuquerque, New Mexico.

1937

Frank S. Millard has changed employment after 17 years with Schlumberger Well Surveying Corp. Frank is now Petroleum Technologist with The Carter Oil Co., Tulsa, Oklahoma. His home address is 2911 E. 37th St., Tulsa.

1938

Fletcher T. McCrae, Mining Engineer, Midland Electric Coal Corp., Farmington, Ill., writes, "He and Betty are very, very busy raising three 'live wire' boys, and looking forward to the day they may choose MSM for their school."

J. Craig Ellis advises that around the 1st of February he plans to move to No. 4 Tamaques Way, Westfield, New Jersey. He will be in New York City several days a week and wishes to contact alumni in that area. His New York phone will be, Worth-2-1584.

Robert P. Alger of Schlumberger Well Surveying Corp., presented a paper before the Gulf Coast Association of Petroleum Geologists at Houston, Texas, in November. The subject of the paper was "Electric Logging Problems in the Eocene Wilcox."

Bob's address is 2501 Dickey Place, Houston 19, Texas.

1939

C. E. Boulson was named General Manager of Sho-Me Power Corp., Marshfield, Mo., January 1954. He was formerly Chief Engineer. He was succeeded as Chief Engineer by H. H. Fillmer '39. C. E. was named to "Who's Who In Engineering".

Edgar F. Pohlman is Assistant Resident Engineer, U. S. Corps of Engineers, on the Military Personnel Records Center Project at 9700 Page Avenue, Overland 14, Mo.

G. J. Decker is now Division Manager of South Louisiana Division of Schlumberger Well Surveying Corp. He has moved to 6144 Canal Blvd., New Orleans, Louisiana, from Midland, Texas.

1940

E. L. Olcott is a Metallurgist with the Bureau of Ships, Navy Department, Washington 25, D. C. The project which he is now working on is high temperature materials development.

1941

R. R. Brookshire recently moved into a new southern colonial home in Oak Ridge, Tennessee. It is one of the first two privately constructed homes in Oak Ridge. He made "Who's Who in Engineering" for the first time this year. His address is 380 East Drive.

Joe Wink is now connected with the Denison Engineering Company, Hawthorne, Calif., as Sales Engineer in the field of hydraulic equipment. Joe lives at 11475 Rose Avenue, Los Angeles, Calif.

1942

Austin E. Schuman is with International Shoe Co., in St. Louis, Mo. He is doing management engineering with emphasis on methods and systems. He is President of the St. Louis Section of the American Materials Society, Inc. He lives at 7522 Alicia Avenue, St. Louis, Mo.

Clarence M. Stevens was on the campus, January 12th and 13th, interviewing graduating seniors for General Electric Co. Steve's headquarters is in Schenectady, New York.

John K. Olson, Engineer for Inger-

sall Rand is now living at 2139 Chestnut St., Camp Hill, Pa., Phone Harrisburg 7-2601.

A. G. Adler, with Freeport Sulphur Co., Freeport, Texas, doing research on Ni-Co recovery from Cuban Laterite ores, expects to be transferred to New Orleans, La., by March 1955 where a 50 ton per day Ni-Co Pilot Plant will be built to treat the Cuban ores.

1943

Herbert S. Kalish is with Sylvania Electric Products, Inc., Bayside, New York. He is Chairman of Long Island, American Society for Metals which was recently formed and he is on the Executive Committee of the New York Chapter of the ASM. His home address is 147-41 38th Ave., Flushing N. Y.

1946

Henry R. Rust, recently transferred to Sales Engineering in Cincinnati, Ohio, and to the position of Regional Sales Engineer for Ohio, Indiana and Kentucky. His Cincinnati address is 3909 Gary Court. Henry is with Presstite Engineering Company, St. Louis, Mo.

1947

Harold Vogt is now at 315 South Waverly, Dearborn, Michigan. He is manager with the U. S. Gypsum Co.

John L. Brixius, and John Gardner '51 are part owner of the Suckerite Uranium Mining Claims, leased to Sierra Ancha Uranium Company, Globe, Ariz. These two alumni together with Gordon Napp '51 are uranium prospecting on week ends. All three alumni are employed by the Miami Copper Co., as mining engineers. John's address is Box 100, Miami, Ariz.

Robert A. Vogt moved to Decatur, Ill., October 1954 and established a branch of the C. H. Burnap Co. Their principal office is in St. Louis, Mo. They primarily represent the American Air Filter Co., Inc., Louisville, Kentucky.

1948

John Griessen has relocated in Los Angeles. He was previously employed by Reynolds Metals as shift foreman of the LaQuinta Aluminum Plant in Corpus Christi, Texas. He is now Sales and Development Engi-

neer, Southwestern Engineering Co., 4800 Santa Fe, Los Angeles, Calif.

J. Walter Wallace was promoted to District Sales Manager, National Bearing Division, American Brake Shoe Co., Chicago. He will continue to be located at 109 No. Wabash Ave.

Allan Beverage was on the campus in January interviewing for General Electric. He is assigned to their Aircraft Gas Turbine Division at Cincinnati, Ohio. His home address is R.F.D., No. 2, Box 291, Sharonville, Ohio.

R. Allen Crosby is metallurgist with Taylor Forge and Pipe Works, since June 1954. He was formerly with U. S. Steel (South Works) Chicago. His home address is 245 Indianwood Blvd., Park Forest, Illinois.

Melvin A. Hagan advises that his address, after April 1, 1955, will be 5410 Sycamore, Kansas City, Mo. Melvin is with Midwest Research Institute, 4049 Pennsylvania, Kansas City, Mo.

Elmer R. Broadbent has been engineer in charge of Maintenance and Construction of the Catalytic Cracking Unit in the Conoco Refinery at Westlake, Louisiana, since December 1953. The Broadbents reside at 95 Beauregard, Maplewood, La.

Charles K. Wissel, as of this month, is engineer for the K. C., Mo., Division of the Gas Service Co. His address is 2620 So. 38th, Kansas City 6, Mo. The Wissels have four boys, ages 8, 6, 3 and 1 years.

Robert L. Root resigned from his position with Filtrol Corp., Los Angeles, Calif., and is now associated with the Continental Development Company, Consulting Mining Engineers and Contractors, Eureka, Calif. His address there is Box 145.

Lloyd P. Youngs, Plant Layout Man, General Motors (Chevrolet), in Los Angeles, has purchased a new home at 7852 Ranchito Avenue, Van Nuys, Calif.

Ray H. Russell is Associate Engineer and Design Engineer with the firm of Marion L. Crist & Associates, Little Rock, Ark. He resides at 6304 Brentwood Rd., Little Rock.

1950

L. W. Cantwell was transferred,

in October, to the Chief Engineer's Office, of the Santa Fe R.R., Galveston, Texas, as transitman on construction of 48 miles of new track from Sanger to Dallas, Texas. His Field Office is at Denton, Texas.

William H. Jones was promoted from Test Engineer, Experimental and Test Laboratory, to Product Engineer on heating controls. He is with Soreng Products Corp., Shiller Park, Illinois and he lives at 3033 Gustave St., Franklin Park, Ill.

Raymond W. Fahien '50, Assistant Professor, Iowa State College, Ames, Iowa, presented a paper on "Mass Transfer in Packed Beds" at the Annual Meeting of the AICE, held in New York, New York, in December.

John P. McGowan was transferred, January 1st, to the Owens-Illinois Glass Co., Technical Center, 1700 Westwood Avenue, Toledo, Ohio.

John J. Sponske is now residing at 8344 Marty, Overland Park, Kansas. John has completed four years as a Safety Engineer for Bituminous Casualty Corp., Rock Island, Illinois.

Donald A. Wunnenberg, effective January 1, is a Field Representative in the Industrial Products Division, selling industrial rubber goods for Goodyear Tire & Rubber Co., Inc. His headquarters is Pittsburgh, Pennsylvania. His home address is 2335 State Road, Cuyahoga Falls, Ohio.

John D. Satterlee, Cartographer Topographic, normally on Field Mapping assignments with the USGS, expects to be in Rolla until late in 1955. His mailing address is Box 133.

Herman C. Byrd sends his new address, 8820 Blewett Ave., St. Louis 21, Mo. He is with A. P. Smith Co., Granite City, Ill., automobile frame manufacturers.

Robert Bulla, Petroleum Engineer, Petroleum Engineering, Inc., Robinson, Illinois, is in the waterflood business, design of pressure plants well completion. Robinson is a refinery town. There are two children in the Robinson family, Jill, age 9, and Jan, age 15 months. They all are at 403 N. Robb Street.

Lt. James T. Shearon, of the 27th FIS, Griffiss, AFB, New York, is a

jet interceptor Pilot with the Air Defense Command.

Donald Marshall is a Public Health Engineer with the Division of Health of Missouri. He was awarded a leave of absence and completed his M.S. Degree in Public Health Engineering, at the University of Michigan, June 1953. His address is 522 No. Godfrey St., Cameron, Missouri.

Donald T. King, Project Engineer, U. S. Steel Corp., was transferred from Mexico, Ky. to Corbin, Ky., as project Engineer during construction of a coal preparation plant there.

D. R. Atchison gives his change of address as 4729 Allemania, St. Louis 16, Mo. July 2, 1954 Nancy Lee came to their home.

Ralph E. Peterson is District Engineer with Texas Illinois Natural Gas Pipeline Co., Chicago 6, Ill. His office is located at the Compressor Station 309, Marble Hill, Missouri.

Lt. Edward P. Kyburz, Apt. 416-B, Ft. Belvoir, Va., is on a two year duty with the army. He is assigned to a construction battalion and expects to leave for Germany about March 15th. He was formerly with the Chile Exploration Co., Chuquicamata, Chile.

1951

Clement F. Linder has been located at Great Bend, Kan., with Continental Oil Co. since June 1954. His mailing address is Box 161.

Maurice J. Ludwig's new address is Hdqrs. Btry. 4054 SU, Fort Bliss, Texas. He has been assigned as a radar instructor. His home address is 1218 Richmond, Richland, Washington.

Charles L. Boyd has a new address of 209 Willow Ave., Knollwood Estates, Rte. 24, River Road, New Brunswick, New Jersey.

Erwin E. Dunn is employed by the Taconite Construction Corp., Aurora, Minn., in the construction of a \$400,000,000 development program for enrichment of taconite ore. He is a cost control engineer.

Robert E. Slankard, is Structural Research Engineer, Structural Mech. Lab., David Taylor Model Basin, Washington 7, D.C. He has been in their employ since graduation. At present he is responsible for the experimental program for Plates and Shells Branch.

Ross F. Crow is in the army with a leave of absence from the Koppers Co. He is working in the Ballistics Research Lab., at the Aberdeen Proving Ground. The Crows are living at 33 D. Oak Grove Drive, Baltimore 20, Md.

Eugene F. Hohlfelder is stationed at the Army Chemical Center, Edgewood, Md. He expects to be separated from the service this summer and return to his former position with Alcoa. His address is 9710 TSU Cml C., Army Chemical Center, Md.

Richard L. Dickens announces his planned marriage to Miss M. Susan Sullivan of St. Louis, Missouri. The date has been set, March 15th and the place, Dallas, Texas.

Mario R. Trieste has established his own business as Manufacturer's Representative handling petroleum products and degreasing chemicals. His business and new address is 464 Stratford Road, South Hempstead, New York.

Leon F. Woodlack has been appointed Assistant Roadmaster, 33rd Track Division, of the St. Louis — San Francisco Railway Company, with headquarters in Oklahoma City, Okla.

HELP US KEEP YOUR ADDRESS CURRENT

If your address has changed, complete and tear out this slip and mail it immediately to MSM Alumni Association, Rolla, Mo. Thanks.

Name

My new address is

Bruce E. Tarantola sends his new address, after March 1st, as 1229 Culver Hill Drive, Webster Groves 19, Mo. Bruce is Sales Representative for the Atlas Powder Co., St. Louis 8, Mo.

Donald J. Dowling is representing the Buckeye Cotton Seed Mills. He was on the campus interviewing graduating seniors for employment. Don's headquarters is at Memphis, Tennessee.

Gerald H. Bender is in military service at present. He is on detached service with Hq. Chemical Corps Material Command in Baltimore, Md., expediting government procurement with industry. His present address is 1320 Lafayette Ave., Baltimore 7.

William Shepard is a geologist with the Bear Creek Mining Co. He is living at 1316 Tijeras Avenue, N. E., Albuquerque, New Mexico.

Robert V. Wolf, '51, former Instructor in Metallurgical Engineering, is now in the armed forces. He entered the service at Fort Leonard Wood, Missouri and has recently been transferred to the east coast. His address is now Co. "A", 8617 AAU, Arlington Hall Station, Arlington, Virginia.

1952

Robert W. Arfman advises that he has moved his family into their new home at 2621 Butterfield Drive, Indianapolis, Indiana.

Leonard C. Carlson has moved to 11 Morris Avenue, Riverdale, New Jersey.

J. R. Sweeney returned from Korea in June, 1954, and was released by the Army. He resumed his position as

Assistant Production Manager for Bixby-Zimmer Engineering Co., Galesburg, Ill. He is in charge of all plant personnel and production methods. His home address is 186 Maple Avenue, Galesburg, Illinois.

1952

Charles A. Hewett '52, is now in the Armed Forces and receiving basic training at Fort Dix, New Jersey. He has qualified himself for the Army's Scientific and Professional Program which is aimed at maximum utilization in Army research for soldiers with technical education and experience.

Eugene M. Laubach is Resident Engineer at the Electric Boat Co., Groton, Conn. He is supervising installation of instruments and controls aboard the atomic submarine, USS NAUTILUS. His residence is 1050 Ivanhoe Rd., Cleveland 10, Ohio.

Lt. JG Edward L. Vickers is aboard the USS Reclaimer ARS-42. His address is in care of FPA, San Francisco, California.

Willard E. Cox is working on his M.S. in Geology at the University of Nebraska.

Howard W. Westerman is with the Research Department of the Standard Oil Co. (Ind.) at Sugar Creek, Mo., since his separation from service in January 1954. His present address is Wellington, Mo.

Frank T. Alvarado is back with Parsons, Brinckerhoff, Hall and McDonald, Engineer consultants in New York, N. Y., after completing his military service. He is working on the

New York Thruway. His address is 3495 Broadway, New York, 31.

Hong S. Moy is returning stateside after overseas service. He may be reached, in care, District Engineer, APO 942, Seattle, Wash.

William A. Finegar, 279 Okell St., Buffalo, New York is enrolled in Management Engineering Graduate School, Rensselaer Poly. Inst., Troy, N. Y.

Wayne A. Hahne, Box 479, has set the date, March 5th, at his wedding date. The future Mrs. Hahne is Sara Bishop of Houston, Texas. They plan to reside in Danville, Illinois. Wayne is foreman of Preventive Maintenance Section Central Foundry Division, General Motors Corp., Danville, Ill.

1953

Raymond J. Sacks is in the Navy and his present address is AM3 USN, Fasron 5, Hydraulic Shop, NAS Oceana, Virginia Beach, Virginia.

George L. Dowdy is assigned to the U. S. Army Aviation Air Section, Ft. Leonard Wood, Mo. He is a pilot for the 332nd Engineer Combat Group.

Burton J. Duchek is at present in military service. His address is Box 3446, Arsenal, Arkansas. Mrs. Duchek and daughter are with him.

Philip J. Clarke, whose address is, c/o Shell Oil Co., P.O. Box 100, Calgary, Alberta, Canada, is attending a series of courses in geology at the Shell Office in Houston, Texas until March 11. After that date he will resume his duties with Shell in Canada.

Vance M. Halterman, Jr. now resides at 9742 Scottsdale Drive, St. Louis Co. 21, Mo., with Mrs. Halterman and Cindy Lee, age 17 months.

James R. Faulkner, wife Charlene and two children have been in Bedford, Indiana almost two years. Address 1714 "N" St. Bob is an engineer for General Motors, Fabricast Division.

1954

Kenneth D. Cole has finished training in Construction, Materials, Survey & Plans, with the Missouri State Highway Department and has Maintenance, Bridge Design, and Highway Planning phases yet to complete. His address is 410 Range Line, Joplin, Missouri.

MSM ALUMNI ASSOCIATION

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